

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 2		
						Aug-2006		
TO: Port Director, Canaveral Port Authority P.O. Box 267, Cape Canaveral, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Canaveral Harbor, Brevard County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Outer Reach Entrance Channel: Cuts 1A & 1B, from entrance to 500 feet landward of red lighted Buoy-6	Aug-2006	400	3.1	44	42.1(1)	42.5(1)	42.2(1)	42.2(1)
Entrance Channel: Cut-1, from 500 feet landward of red lighted Buoy-6 to red lighted Buoy- 10	Aug-2006	400	2.4	44	43.1(2)	43.3(2)	43.4(2)	43.1(2)
Widener: Cuts 1 & 2	Aug-2006	400	0.9	44/41	39.8(3)	44.3	45.0	44.6
Middle Reach Entrance Channel: Cut-2, from red lighted Buoy-10 to the west side of the Trident Entrance Channel	Aug-2006	400	1.1	44	42.8(4)	43.8(4)	44.2(4)	43.6(4)
Inner Reach Channel: Cut-2 & 3, from the west side of the Trident Entrance kChannel to the east side of Middle Turning Basin	Apr-2006	400	0.8	40	37.0(5)	41.2	41.2	37.2(5)
Middle Turning Basin	Jun-2006	400-225	0.45	39/35	38.3	37.3	36.8	16.1(6)
Trident Naval Access Channel	Aug-2006	525-1340	0.45	41	39.9(7)	40.5(7)	40.6(7)	39.6(7)
Trident Naval Turning Basin	Jun-2006	1200	0.3	41	40.5(8)	41.6(8)	41.5(8)	40.5(8)
West Access Channel (East Portion)	Jun-2006	400	0.35	39	39.3	40.2	40.6	38.2(9)
West Access Channel (West Portions)	Nov-2005	400	0.33	31	31.9	33.4	34.8	34.9
West Turning Basin	Jun-2006	956-1500	0.42	31	29.8(11)	30.6(11)	30.5(11)	30.4(11)

Remarks:

1. Shoaling located in vicinity of red lighted Buoy 4 and red lighted Buoy-6. Shoals encompass entire channel in these areas.*
2. Spot shoals located on outer edges of channel. *
3. Spot shoaling located in left outside quarter of widener.*
4. Spot shoals on left outside portion of this reach near green lighted Buoy-13A.*
5. Shoaling in northern right outside quarter of channel. Shoals extend into channel approximately 100 feet.***
6. Shoaling in northern portion of Basin. Least depths occur in right outside quarter.**
7. Shoaling located approximately 890 west of lighted Buoy-2. Shoals encompass entire channel in some areas.*
8. Shoaling in northeast right outside quarter. Least depths occur along edges of basin. **

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NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

9. Shoals located in right outside quarter of channel. Shoals extend into channel approximately 60 feet.**

10. Depths are project depth or deeper.****

11. Shoaling in northeast corner of turning basin. **

*Survey #06-171 dated August 2006

**Survey #06-119 dated June 2006

***Survey #06-067 dated April 2006

****Survey #06-029 dated November 2005